SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Television	**Bulletin No.**	97 - CTV - E0022
Model :	CS 722AWT/SEAUX	**Bulletin Date**	Jul. 8, 1997
Buyer :	SEAU	**ECN Date :**	Jun. 25, 1997

SUBJECT : SCT55A, Countermeasure of power failure in the 'Aging test'

Background : No power' failure was occurred during Aging Test

(Symptom)

Cause : Horizontal output TR failed on the status of 'temperature drift 70¡É'.

Solution : In order to protect the failure, the values of R247 has been changed as belows:

Application Date : June 25, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R247	2004-001205	1/8W 68 ohm	2001-000302	1/8W 10 ohm	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → NEW, Early (Prod.) → Late	OLD (Parts) → NEW, Early (Prod.) → Late	OLD (Parts) → NEW, Early (Prod.) → Late	OLD (Parts) → NEW, Early (Prod.) → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : June, 1997 **Serial No.** (~ from)

Published by : S.K. Yang **Checked by :** **Approved by : Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Television	**Bulletin No. :**	97-CTV-E0025
Model :	CT722AP	**Bulletin Date :**	Jul. 27, 1997
Buyer :	SECA, SEA, SEM	**ECN Date :**	Jul. 21, 1997

SUBJECT : KCT55A, application of 'Mask type Micom'

Background : (Symptom) It was applied 'OTP type Micom' to KCT55A chassis for Northern America teritories.

Cause : It is incurred in being late order for 'Mask type Micom'.

Solution : Micom has been changed from 'OTP type' to 'Mask type'.

Application Date : July 18, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC901	-	Micom 'OTP type'	AA13-30015U	Micom 'Mask type' (R3207	D
RP930*	2001-000947	R-C 7.5K	2001-000857	R-C 560 ohm	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0006
Model :	CT722AP	Bulletin Date :	Apr. 6, 1998
Buyer :	SEPA	ECN Date :	Mar. 31, 1998

SUBJECT : KCT55A, 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8350Q) caused by flowing the surge voltages to V1 & V2 part of DY.
The philips vertical IC TDA8350Q can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C302		100V 154	2305-000285	100V 224	D
C304		100V 104	2305-000285	100V 224	D
Bottom Soldering		Between V1 and GND	0403-001039	MA2560	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : January 1997 Serial No. (~ from)

Published by S.K. Yang Approved by Mr. J.G. Lee

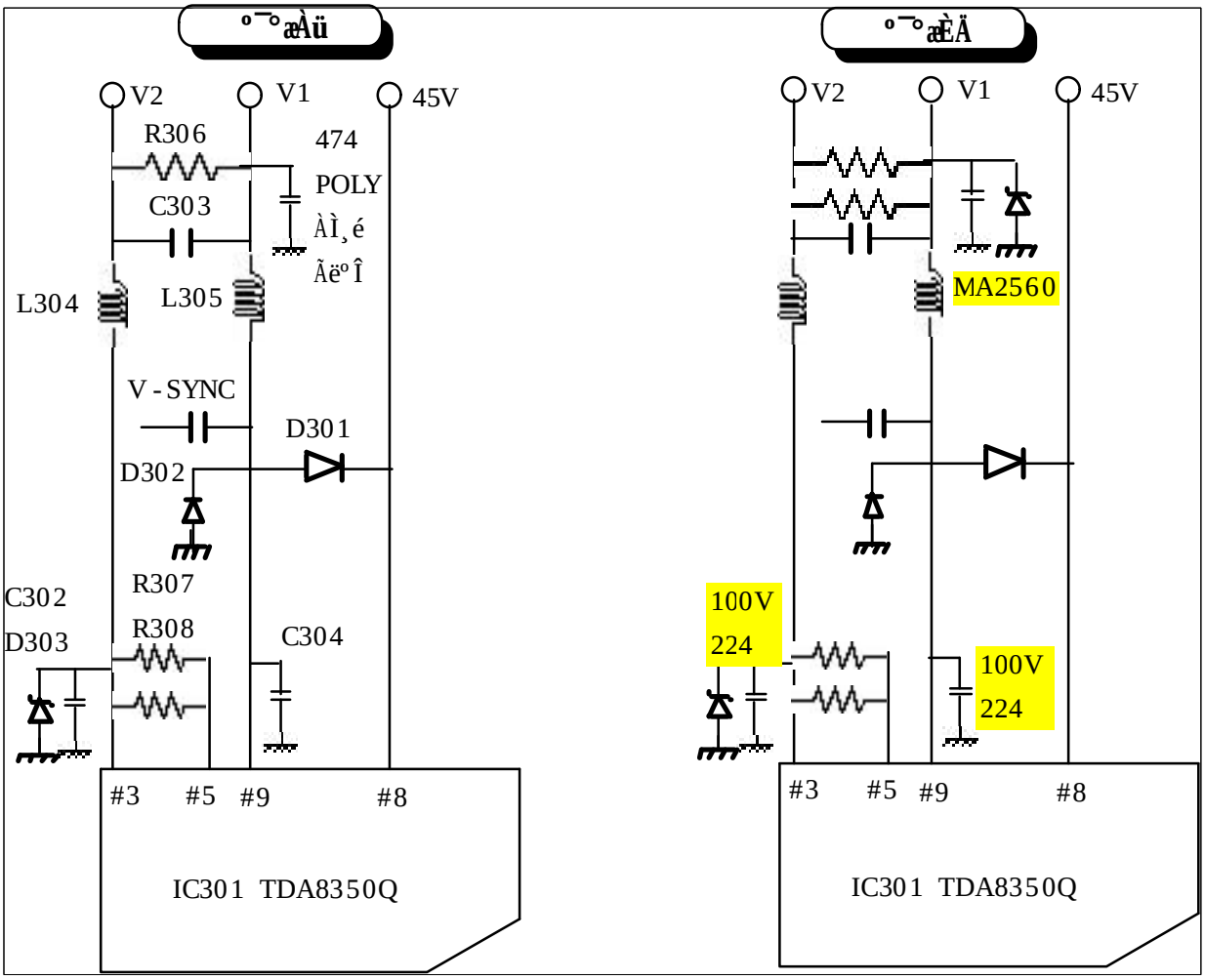
¡á *Additional Information*

98-CTV-E0006

The Circuit Changes

< Before >

< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	99-CTV-E0017
Model :	34" Model , KCT55A	**Bulletin Date :**	Sep . 10, 1999
Buyer :	SEA,SECA,SAMEX,LCS	**ECN Date :**	Sep . 10, 1999

SUBJECT : KCT55A (34"), Countermeasure for Vertical IC 'TDA8350Q' Defect

Background :

(Symptom) It is occurred defect of vertical IC ' TDA8350Q ' in field.

Cause :

- Vertical IC's Pump-up voltage is higher than Spec (60V).
- Surge flow in DY-V1 terminal.

Solution :

Changed the circuit as follows.

Application Date : July . 7 , 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R417		2W , 68 Ohm	2003-002101	2W , 82 Ohm	D
T444		FCA34A002	AA26-30004T	FCZ34A002	D
J113		1/2W , 220 Ohm	2008-000228	1/2W , 270 Ohm	D
D406		RU20A	0402-000536	RH10F	D
C304		100V , p104	2301-000271	100V , p474	D
C406		630V ,473J	2301-001217	630V , 473J	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD → Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : Sep . 11, 1999 **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SECA	Canada	
3	SEMEX	Mexico	**KCT55A Chassis 34" Model**
4	SEM	Mexico	
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	99-CTV-E0018
Model :	37" Model , KCT55A	**Bulletin Date :**	Sep . 10, 1999
Buyer :	SEA,SECA,SAMEX,LCS	**ECN Date :**	Sep . 10, 1999

SUBJECT : KCT55A (37"), Countermeasure for Vertical IC 'TDA8350Q' Defect

Background :

(Symptom) It is occurred defect of vertical IC ' TDA8350Q ' in field.

Cause :

- Vertical IC's Pump-up voltage is higher than Spec (60V).
- Surge flow in DY-V1 terminal.

Solution :

Changed the circuit as follows.

Application Date : July . 7 , 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R417		2W , 68 Ohm	2008-000262	2W , 150 Ohm	D
T444		FCA34A002	**AA26-30004T**	FCZ34A002	D
J113		1/2W , 220 Ohm	2008-000248	1/2W , 680 Ohm	D
D406		RU20A	0402-000536	RH10F	D
C304		100V , p104	2301-000271	100V , p474	D
C406		630V ,473J	2301-001217	630V , 473J	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD → Early, NEW → Late (Parts / Prod.)	OLD → Early, NEW → Late (Parts / Prod.)	OLD → Early, NEW → Late (Parts / Prod.)	OLD → Early, NEW → Late (Parts / Prod.)	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : Sep . 11, 1999 **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SECA	Canada	
3	SEMEX	Mexico	**KCT55A Chassis 37" Model**
4	SEM	Mexico	
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	99-CTV-E0019
Model :	29" Model , KCT55A	**Bulletin Date :**	Sep . 21, 1999
Buyer :	SEA,SECA,SAMEX,LCS	**ECN Date :**	Sep . 21, 1999

SUBJECT : KCT55A (29"), Countermeasure for Vertical IC 'TDA8350Q' Defect

Background :

(Symptom) It is occurred defect of vertical IC ' TDA8350Q ' in field.

Cause :

- Vertical IC's Pump-up voltage is higher than Spec (60V).
- Surge flow in DY-V1 terminal.

Solution :

Changed the circuit as follows.

Please, refer to attached Schematic Diagram.

Application Date : July . 7 , 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C302	Unknown		2305-000285	100V , 220nF	D
C304	Unknown		2305-000285	100V , 220nF	D
-	PCB Back Added		0403-001039	MA2560	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

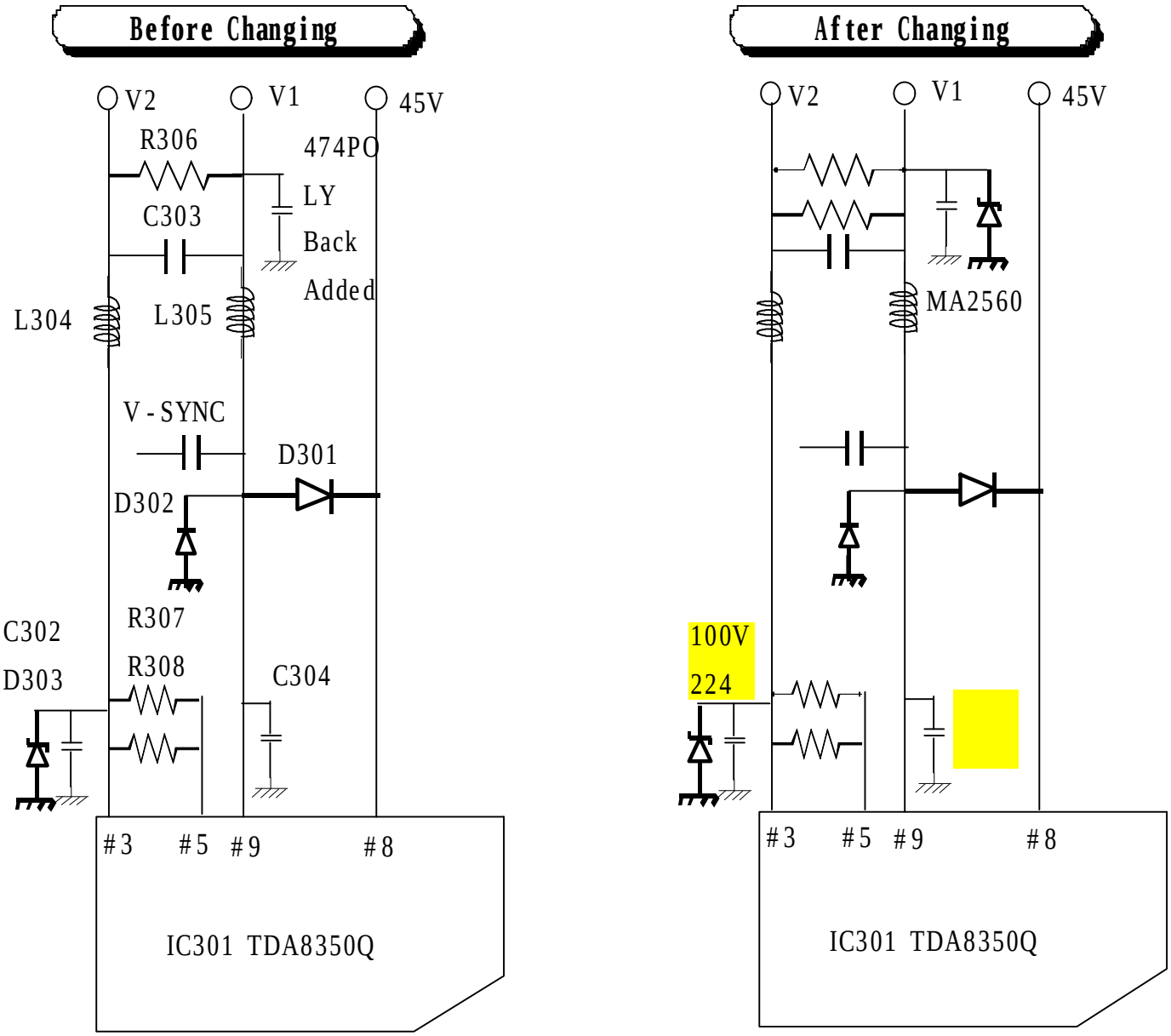
Product Month : Sep . 20, 1999 **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Additional Information

99-CTV-E0019

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SECA	Canada	
3	SEMEX	Mexico	**KCT55A Chassis 29" Model**
4	SEM	Mexico	
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			